

FIG. 1

03761630.0001

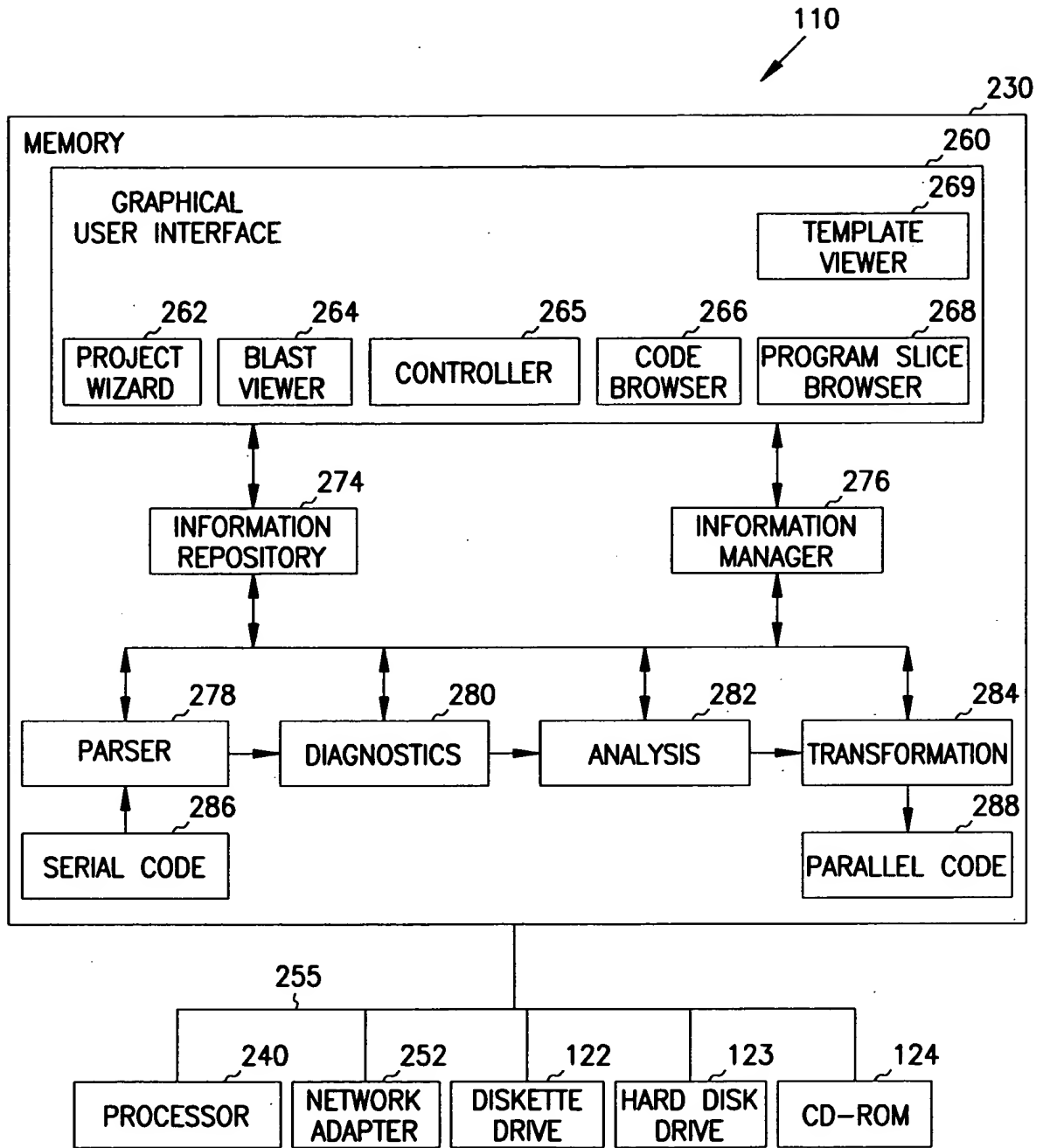
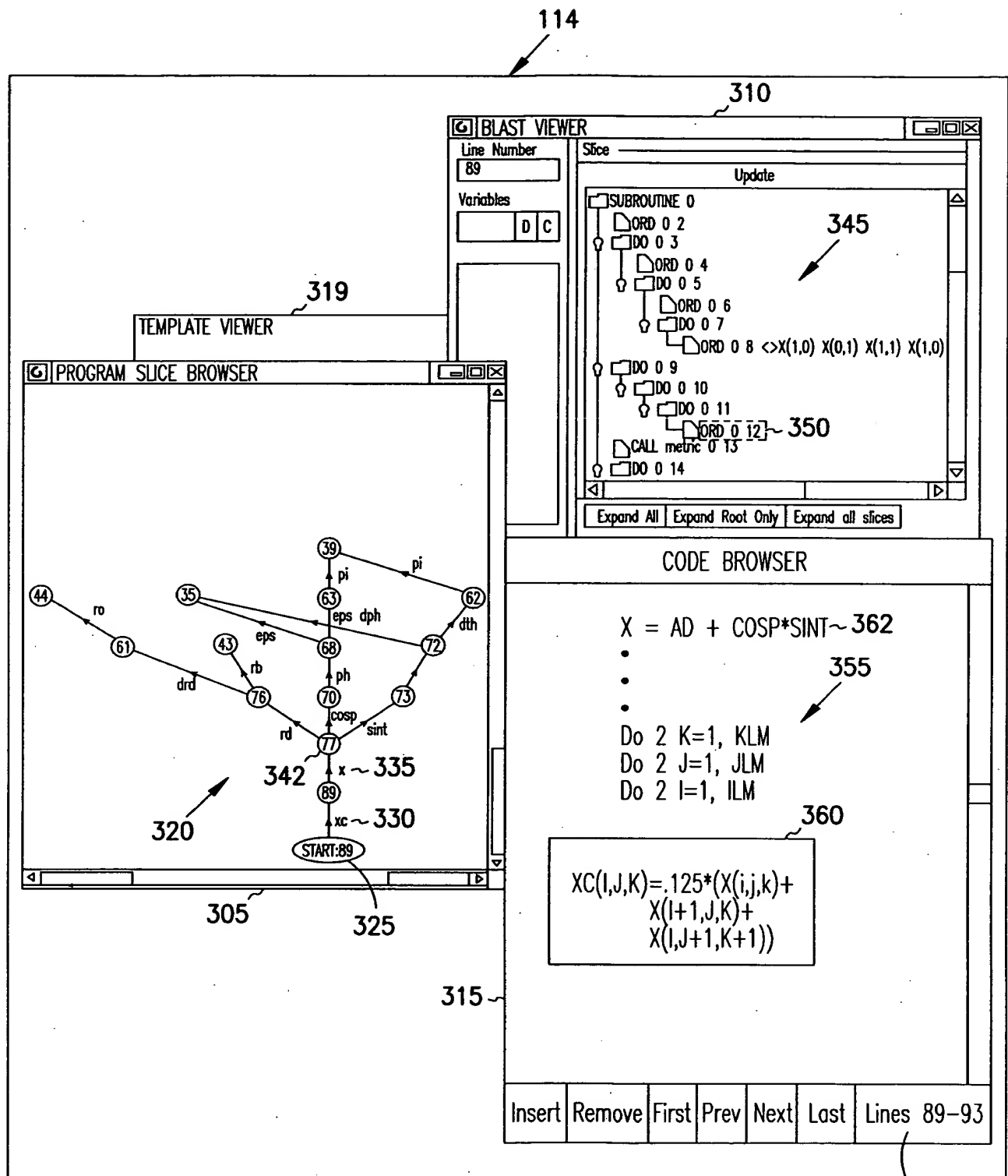


FIG. 2

rotated 90 degrees



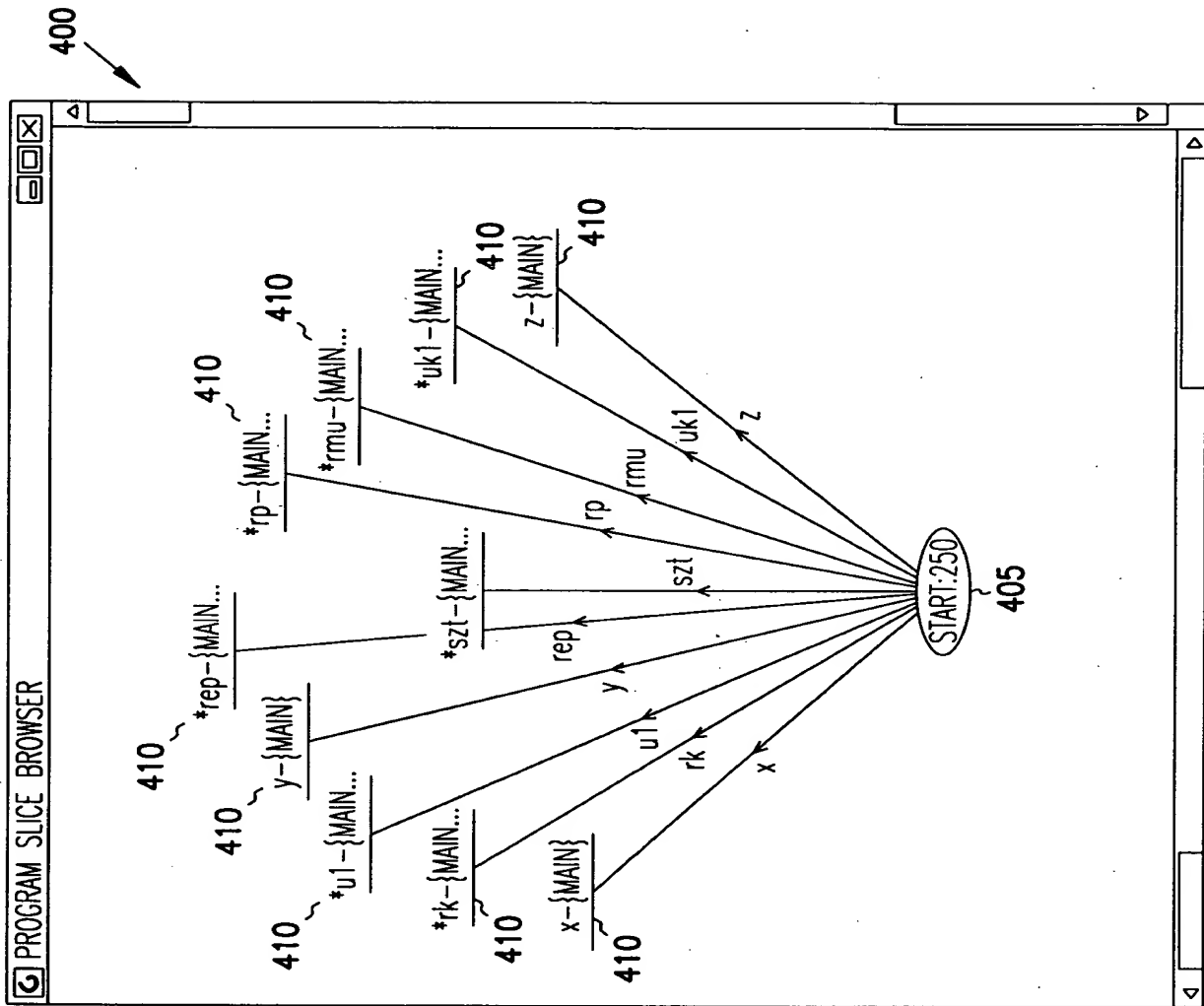
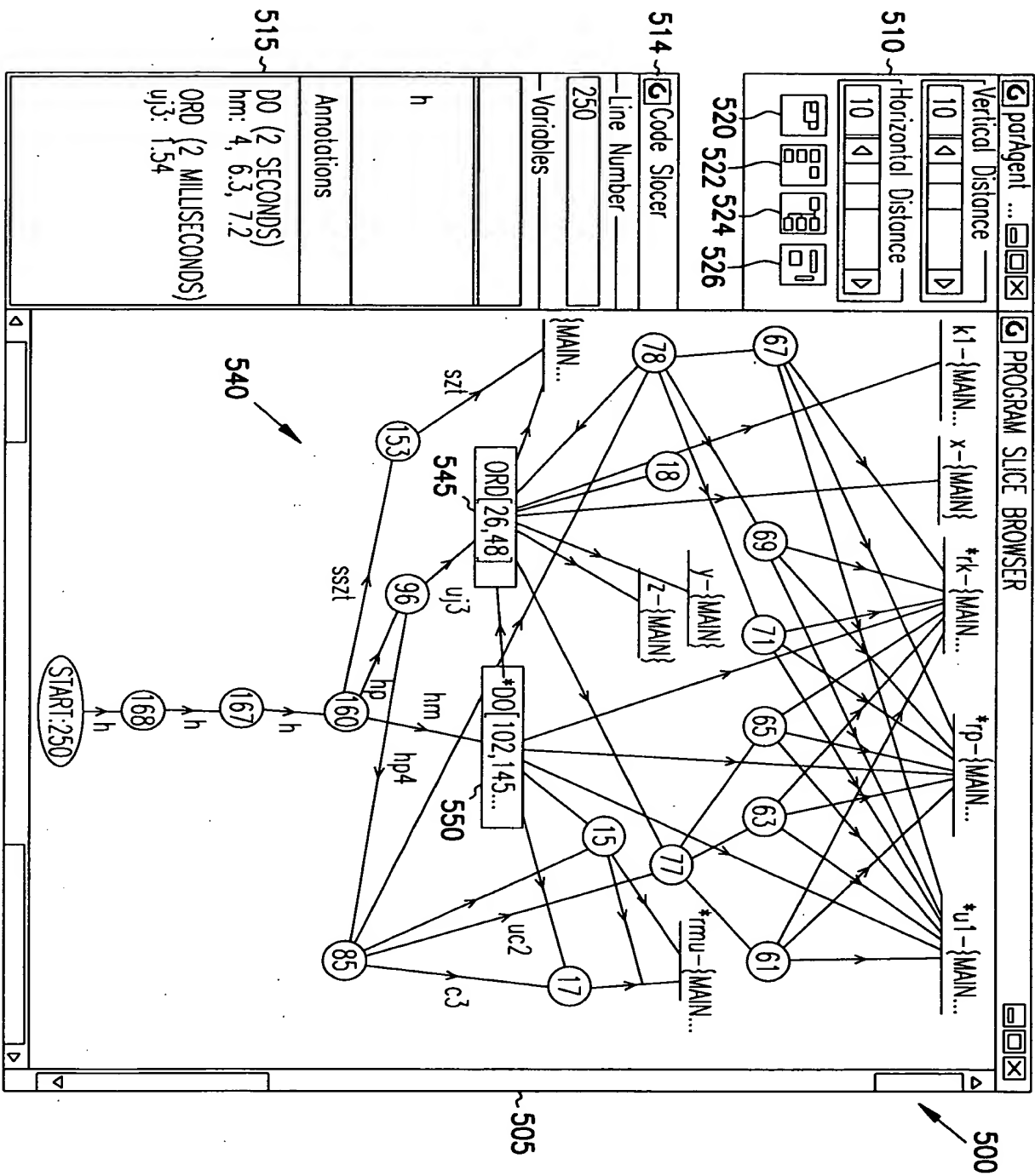


FIG. 4



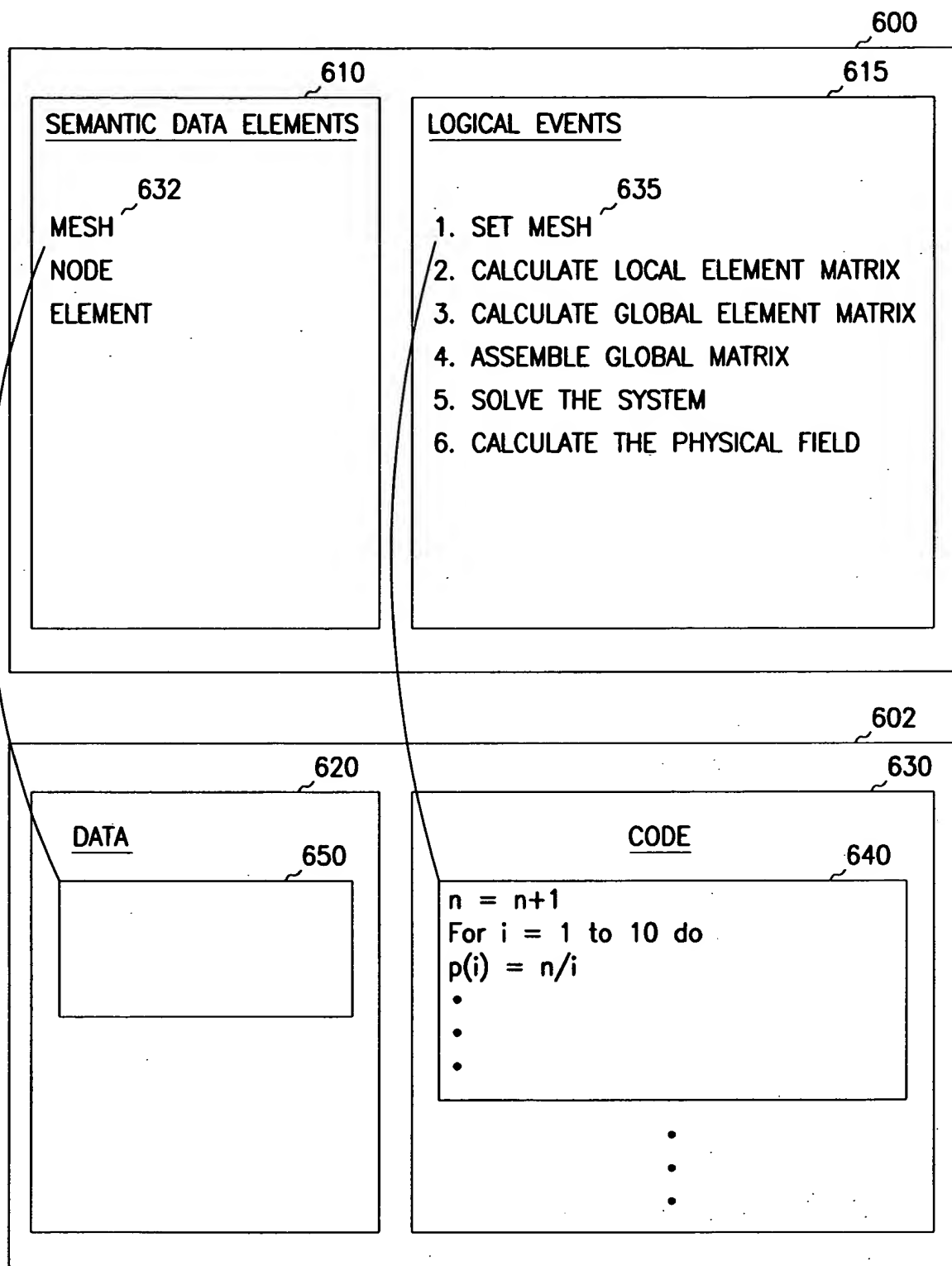


FIG. 6

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graph TD
    700([START]) --> 705[RECEIVE EVENT]
    705 --> 785[HIGHLIGHT CORRESPONDING SEGMENT OF CODE IN CODE BROWSER WINDOW]
    785 --> 776{CLICK BLOCK EVENT FROM BLAST VIEWER WINDOW?}
    776 -- YES --> 705
    776 -- NO --> 745{CREATE SLICE EVENT?}
    745 -- YES --> 750[CREATE PROGRAM SLICE]
    750 --> 755{EVENT ABSTRACTION EVENT?}
    755 -- YES --> 760[CALL EVENT ABSTRACTION HANDLER FIG. 8]
    760 --> 705
    755 -- NO --> 765{CLICK EDGE EVENT?}
    765 -- YES --> 770[HIGHLIGHT THE EDGES]
    770 --> 775{SEMANTIC ABSTRACTION EVENT?}
    775 -- YES --> 780[CALL SEMANTIC ABSTRACTION HANDLER FIG. 10]
    780 --> 705
    775 -- NO --> 720{CLICK NODE EVENT?}
    720 -- YES --> 725[HIGHLIGHT NODE AND ITS OUTER EDGES]
    725 --> 730[OPEN CODE SOURCE FILE]
    730 --> 735[SYNCHRONIZE DISPLAY]
    735 --> 740[HIGHLIGHT THE CODE PIECE CORRESPONDING TO THE SELECTED NODE, EITHER A STATEMENT OR A BLOCK]
    740 --> 705
    720 -- NO --> 710{SYNTACTIC ABSTRACTION}
    710 -- YES --> 715[CALL SYNTACTIC ABSTRACTION HANDLER FIG. 9]
    715 --> 705
    710 -- NO --> 705
  
```

FIG. 7

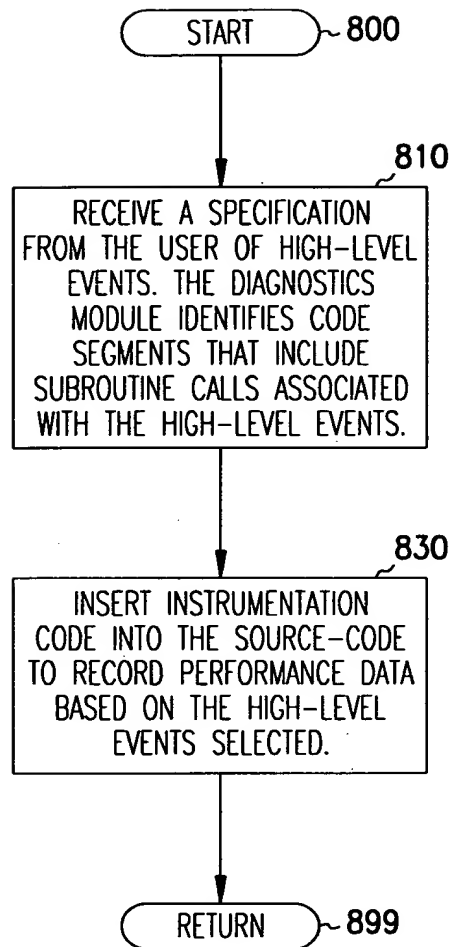


FIG. 8

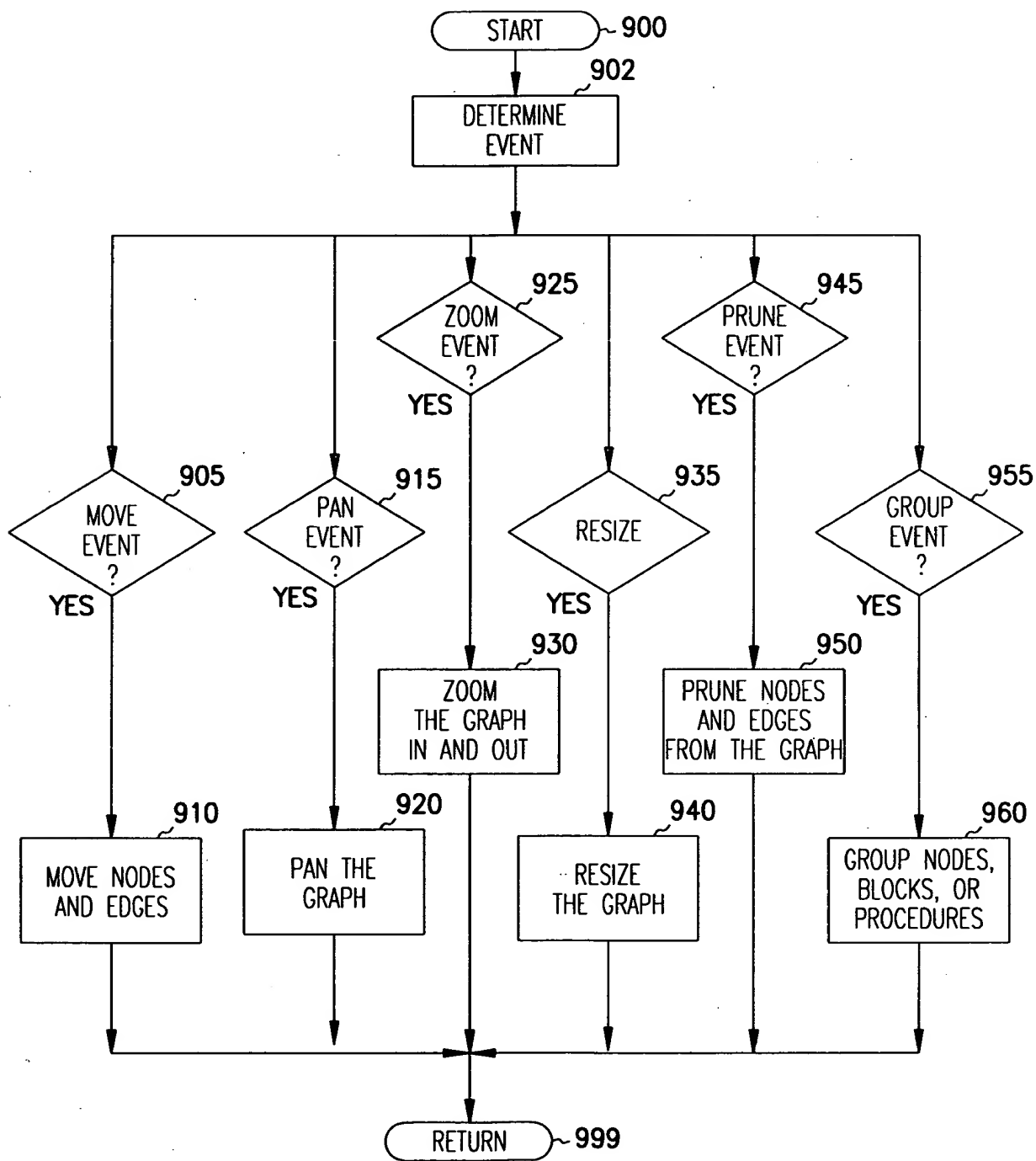


FIG. 9

09701000 001001
T02T20" 200T0200

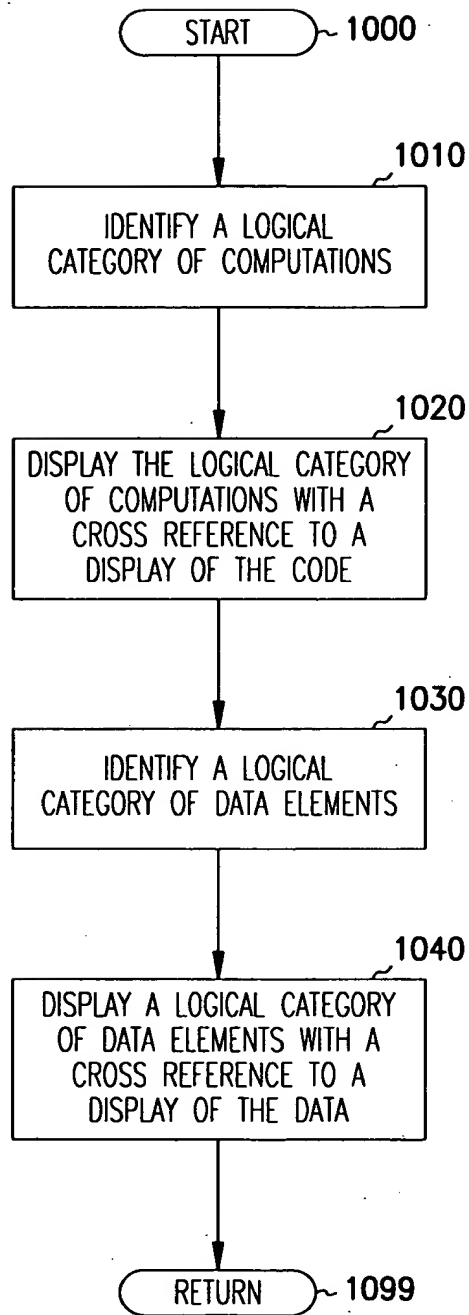


FIG. 10